

Hole Size	SLICK – ADJUSTABLE ASSEMBLY				STABILIZED – ADJUSTABLE ASSEMBLY			
	THEORETICAL BUILD RATES							
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
0.39	1.40	1.20	1.00	0.70	2.60	2.90	3.20	4.30
0.78	7.40	6.80	6.20	3.70	4.90	5.40	5.70	6.90
1.15	7.90	7.20	6.40	3.90	7.15	7.80	8.10	9.30
1.50	10.00	9.40	8.80	6.30	9.80	10.10	10.40	11.50
1.83	12.40	11.80	11.20	8.70	12.10	12.30	12.50	13.70
2.12	14.40	13.90	13.40	10.80	13.90	14.20	14.40	15.60
2.38	16.30	15.80	15.30	12.70	15.50	15.90	16.10	17.30
2.60	17.90	17.40	16.90	14.30	16.60	17.30	17.60	18.70
2.77	19.30	18.70	18.10	15.60	18.00	18.40	18.70	19.80
2.90	20.30	19.70	19.10	16.50	18.60	19.20	19.50	20.70
2.97	20.90	20.30	19.70	17.20	19.00	19.70	20.00	21.10
3.00	21.10	20.50	19.90	17.40	19.30	19.90	20.20	21.30

Hole Size	SLICK – FIXED HOUSING				STABILIZED – FIXED HOUSING			
	THEORETICAL BUILD RATES							
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
1.25	7.90	7.20	6.40	3.70	9.80	10.10	10.40	11.50
1.50	12.40	11.80	11.20	8.70	12.10	12.30	12.50	13.70
1.75	13.40	12.80	12.50	9.60	12.90	13.10	13.60	14.10
2.00	14.40	13.90	13.40	10.80	13.90	14.20	14.40	15.60
2.25	16.30	15.80	15.30	12.70	15.50	15.90	16.10	17.30

SPECIFICATIONS	
(A) Bit Box to STAB	14.75"
(B) Bit Box to Bend, ADJ.	64"
(B) Bit Box to Bend, FIX	52"
(C) Bit Box to Stator	82.5"
Power Section	245"
(D) RotorCatch	30"
Overall Length	372.50"
Effective Pad Diameter	7.64"
On Bottom Load	150,000 lbs
Off Bottom Load	150,000 lbs
Max WOB	410,000 lbs
Max Torque Capacity	27,000 ft-lb
Bit Box Conn.	4 1/2" REG
Max Overpull	655,000 lbs
Weight	2480 lbs

PERFORMANCE SPECIFICATIONS	
Flow Range (gpm)	300–600
Speed Range (rpm)	50–90
Torque Slope (ft-lb/psi)	16.95
Rotation (rev/gal)	0.150
Off Bottom Pressure (psi)	70

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	500	780
Stall Diff Press (psi)	750	1230
Max Torque (ft-lb)	8400	13150
Stall Torque (ft-lb)	12590	20710

